Patent Claims

1. Drive device (1), with a rolling-body screw mechanism (11, 12), in whose housing divided into two housing parts (2, 3) transversely to the axis of rotation a hollow rotor (6) is mounted rotatably by means of a rolling mounting (12, 25), through which rotor (6) a threaded spindle (20, 28) of the rolling-body screw mechanism (11, 22) is led, the threaded spindle (20, 28) being mounted rotatably on a spindle nut (10, 27) of the rolling-body screw mechanism (11, 22), the said spindle nut being drive-connected to the rotor (6), **characterized** in that the rolling mounting (11, 22) is provided on only one housing part (3) of the housing (2).

2. Drive device (1) according to Claim 1, in which the rolling mounting is formed by a multi-row angular ball bearing (12, 25), the outer ring (13, 26) of which is seated in a housing bore (14) of one of the housing parts (3).

3. Drive device (1) according to Claim 2, in which ball grooves (18, 19, 28) of the angular ball bearing (12, 25) are formed on the outer circumference of the spindle nut (10, 27).

4. Drive device (1) according to Claim 1, in which the rolling mounting (25) is arranged axially within a construction space occupied by the spindle nut (27).

5. Drive device (1) according to Claim 1, in which the rotor (6) is arranged axially within a construction space occupied by the spindle nut (10).

6. Drive device (1) according to Claim 1, in which the rolling-body screw mechanism is a ball screw

mechanism (22) with outer deflection (23) for the balls (24).

7. Drive device (1) according to Claims 4 and 6, in which the spindle nut (27) is provided in a region radially between the threaded spindle (28) and the rolling mounting (25) with a return bore (30) for balls (24) of the ball screw mechanism (22).

8. Drive device (1) according to Claim 1, in which the rotor (6) is provided on its circumference with a driving surface (6a) for the drive belts (7).